

- Ozone dissolving system for water electrolysis in electronic components cleaning facility - has gas dissolution membrane module row formed by connecting water flow lines and gas flow paths of adjacent dissolution membrane modules, **water** and **gas flow** in counter-current direction.

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NOVELTY - The gas dissolution membrane module row is formed by connecting the water flow lines and gas flow paths of adjacent gas dissolution membrane modules in series. At one end of the gas dissolution membrane module row, there is an inlet for ozone content gas (7) in the gas flow line and outlet for ozone-treated water (8) in water line.

DETAILED DESCRIPTION - At the other end of the membrane module row there is an exhaust outlet of ozone (9) in gas flow line and inlet opening of raw water (10) on water flow line. The **gas** and **water flow** in counter-current direction.

USE - For dissolving ozone in water which is used for cleaning electronic components.

ADVANTAGE - By using the gas dissolution membrane module, ozone dissolved water, of fixed concentration is obtained. The rate of dissolution of ozone is increased.

DESCRIPTION OF DRAWING - The figure shows the ozone dissolving unit.

(7) Inlet for ozone containing gas; ; (8) Outlet for ozone-treated water; ; (9) Exhaust outlet of ozone; ; (10) Raw water.

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95